

Anna Kubacka

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4073236/anna-kubacka-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

6,491
citations

41
h-index

78
g-index

128
ext. papers

7,093
ext. citations

12.5
avg, IF

6.24
L-index

#	Paper	IF	Citations
125	Photodegradation of 2-propanol in gas phase over Zirconium doped TiO ₂ : Effect of Zr content. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 427, 113774	4.7	0
124	H ₂ Photoproduction Efficiency: Implications of the Reaction Mechanism as a Function of the Methanol/Water Mixture. <i>Catalysts</i> , 2022 , 12, 402	4	0
123	Shepherding reaction intermediates to optimize H ₂ yield using composite-doped TiO ₂ -based photocatalysts. <i>Chemical Engineering Journal</i> , 2022 , 442, 136333	14.7	0
122	Metabolomics reveals synergy between Ag and g-CN in Ag/g-CN composite photocatalysts: a unique feature among Ag-doped biocidal materials. <i>Metabolomics</i> , 2021 , 17, 53	4.7	0
121	Towards full-spectrum photocatalysis: Successful approaches and materials. <i>Applied Catalysis A: General</i> , 2021 , 610, 117966	5.1	12
120	Composite materials in thermo-photo catalysis 2021 , 409-420		
119	Role of Alkali-Cyano group interaction in g-C ₃ N ₄ based Catalysts for Hydrogen Photo-production. <i>Catalysis Today</i> , 2021 ,	5.3	1
118	Synthesis, Characterization, and Photocatalytic, Bactericidal, and Molecular Docking Analysis of Cu-Fe/TiO Photocatalysts: Influence of Metallic Impurities and Calcination Temperature on Charge Recombination. <i>ACS Omega</i> , 2021 , 6, 26108-26118	3.9	2
117	Interpreting quantum efficiency for energy and environmental applications of photo-catalytic materials. <i>Current Opinion in Chemical Engineering</i> , 2021 , 33, 100712	5.4	1
116	Assessing quantitatively charge carrier fate in 4-chlorophenol photocatalytic degradation using globular titania catalysts: Implications in quantum efficiency calculation. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106074	6.8	2
115	Pt/B-g-C ₃ N ₄ catalysts for hydrogen photo-production: Activity interpretation through a spectroscopic and intrinsic kinetic analysis. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106073	6.8	2
114	Thermo-photo production of hydrogen using ternary Pt-CeO ₂ -TiO ₂ catalysts: A spectroscopic and mechanistic study. <i>Chemical Engineering Journal</i> , 2021 , 425, 130641	14.7	5
113	Boosting Pt/TiO ₂ hydrogen photoproduction through Zr doping of the anatase structure: A spectroscopic and mechanistic study. <i>Chemical Engineering Journal</i> , 2020 , 398, 125665	14.7	9
112	Photocatalytic toluene degradation: braiding physico-chemical and intrinsic kinetic analyses. <i>Reaction Chemistry and Engineering</i> , 2020 , 5, 1429-1440	4.9	0
111	Facile synthesis of B/g-C ₃ N ₄ composite materials for the continuous-flow selective photo-production of acetone. <i>Green Chemistry</i> , 2020 , 22, 4975-4984	10	13
110	Microemulsion: A versatile synthesis tool for photocatalysis. <i>Current Opinion in Colloid and Interface Science</i> , 2020 , 49, 42-59	7.6	7
109	Promoting H ₂ photoproduction of TiO ₂ -based materials by surface decoration with Pt nanoparticles and SnS ₂ nanoplatelets. <i>Applied Catalysis B: Environmental</i> , 2020 , 277, 119246	21.8	22

108	(NH ₄) ₄ [NiMo ₆ O ₂₄ H ₆].5H ₂ O / g-C ₃ N ₄ materials for selective photo-oxidation of CO and CC bonds. <i>Applied Catalysis B: Environmental</i> , 2020 , 278, 119299	21.8	7
107	Sunlight active g-C ₃ N ₄ -based Mn ⁺ (M Cu, Ni, Zn, Mn) promoted catalysts: Sharing of nitrogen atoms as a door for optimizing photo-activity. <i>Molecular Catalysis</i> , 2020 , 484, 110725	3.3	2
106	Hydrogen photogeneration using ternary CuGaS ₂ -TiO ₂ -Pt nanocomposites. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 1510-1520	6.7	14
105	Sunlight-Operated TiO ₂ -Based Photocatalysts. <i>Molecules</i> , 2020 , 25,	4.8	9
104	Pd-Pt bimetallic Nb-doped TiO ₂ for H ₂ photo-production: Gas and liquid phase processes. <i>Molecular Catalysis</i> , 2020 , 481, 110240	3.3	0
103	Toward the Green Production of H ₂ : Binary PtRu Promoted Nb-TiO ₂ Based Photocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15671-15683	8.3	15
102	Characterization of Photo-catalysts: From Traditional to Advanced Approaches. <i>Topics in Current Chemistry</i> , 2019 , 377, 24	7.2	7
101	Braiding kinetics and spectroscopy in photo-catalysis: the spectro-kinetic approach. <i>Chemical Society Reviews</i> , 2019 , 48, 637-682	58.5	56
100	Hydrogen thermo-photo production using Ru/TiO ₂ : Heat and light synergistic effects. <i>Applied Catalysis B: Environmental</i> , 2019 , 256, 117790	21.8	27
99	g-C ₃ N ₄ /TiO ₂ composite catalysts for the photo-oxidation of toluene: Chemical and charge handling effects. <i>Chemical Engineering Journal</i> , 2019 , 378, 122228	14.7	27
98	Toluene and styrene photo-oxidation quantum efficiency: Comparison between doped and composite tungsten-containing anatase-based catalysts. <i>Applied Catalysis B: Environmental</i> , 2019 , 245, 49-61	21.8	17
97	Sunlight-Driven Hydrogen Production Using an Annular Flow Photoreactor and g-C ₃ N ₄ -Based Catalysts. <i>ChemPhotoChem</i> , 2018 , 2, 870-877	3.3	14
96	Er-W codoping of TiO ₂ -anatase: Structural and electronic characterization and disinfection capability under UV-vis, and near-IR excitation. <i>Applied Catalysis B: Environmental</i> , 2018 , 228, 113-129	21.8	19
95	Sn modification of TiO ₂ anatase and rutile type phases: 2-Propanol photo-oxidation under UV and visible light. <i>Applied Catalysis B: Environmental</i> , 2018 , 228, 130-141	21.8	15
94	Phase-Contact Engineering in Mono- and Bimetallic Cu-Ni Co-catalysts for Hydrogen Photocatalytic Materials. <i>Angewandte Chemie</i> , 2018 , 130, 1213-1217	3.6	3
93	Phase-Contact Engineering in Mono- and Bimetallic Cu-Ni Co-catalysts for Hydrogen Photocatalytic Materials. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1199-1203	16.4	44
92	H ₂ photo-production from methanol, ethanol and 2-propanol: Pt-(Nb)TiO ₂ performance under UV and visible light. <i>Molecular Catalysis</i> , 2018 , 446, 88-97	3.3	24
91	Measuring and interpreting quantum efficiency of acid blue 9 photodegradation using TiO ₂ -based catalysts. <i>Applied Catalysis A: General</i> , 2018 , 550, 38-47	5.1	8

90	Operando Spectroscopy in Photocatalysis. <i>ChemPhotoChem</i> , 2018 , 2, 777-785	3.3	18
89	Enhancing photocatalytic performance of TiO ₂ in H ₂ evolution via Ru co-catalyst deposition. <i>Applied Catalysis B: Environmental</i> , 2018 , 238, 434-443	21.8	65
88	Novel (NH ₄) ₄ [NiMo ₆ O ₂₄ H ₆] \cdot 5H ₂ O \cdot TiO ₂ composite system: Photo-oxidation of toluene under UV and sunlight-type illumination. <i>Applied Catalysis B: Environmental</i> , 2018 , 238, 381-392	21.8	12
87	Bimetallic Pt-Pd co-catalyst Nb-doped TiO ₂ materials for H ₂ photo-production under UV and Visible light illumination. <i>Applied Catalysis B: Environmental</i> , 2018 , 238, 533-545	21.8	51
86	Thermo-photo degradation of 2-propanol using a composite ceria-titania catalyst: Physico-chemical interpretation from a kinetic model. <i>Applied Catalysis B: Environmental</i> , 2018 , 225, 298-306	21.8	27
85	Composite H ₃ PW ₁₂ O ₄₀ \cdot TiO ₂ catalysts for toluene selective photo-oxidation. <i>Applied Catalysis B: Environmental</i> , 2018 , 225, 100-109	21.8	40
84	Measuring and interpreting quantum efficiency for hydrogen photo-production using Pt-titania catalysts. <i>Journal of Catalysis</i> , 2017 , 347, 157-169	7.3	53
83	UV and visible light driven H ₂ photo-production using Nb-doped TiO ₂ : Comparing Pt and Pd co-catalysts. <i>Molecular Catalysis</i> , 2017 , 437, 1-10	3.3	25
82	UV and visible hydrogen photo-production using Pt promoted Nb-doped TiO ₂ photo-catalysts: Interpreting quantum efficiency. <i>Applied Catalysis B: Environmental</i> , 2017 , 216, 133-145	21.8	35
81	Effect of exfoliation and surface deposition of MnO _x species in g-C ₃ N ₄ : Toluene photo-degradation under UV and visible light. <i>Applied Catalysis B: Environmental</i> , 2017 , 203, 663-672	21.8	38
80	Gas phase 2-propanol degradation using titania photocatalysts: Study of the quantum efficiency. <i>Applied Catalysis B: Environmental</i> , 2017 , 201, 400-410	21.8	32
79	Efficient Electrochemical Production of Syngas from CO ₂ and H ₂ O by using a Nanostructured Ag/g-C ₃ N ₄ Catalyst. <i>ChemElectroChem</i> , 2016 , 3, 1497-1502	4.3	34
78	Effect of the anatase \cdot rutile contact in gas phase toluene photodegradation quantum efficiency. <i>Chemical Engineering Journal</i> , 2016 , 299, 393-402	14.7	23
77	Disinfection capability of Ag/g-C ₃ N ₄ composite photocatalysts under UV and visible light illumination. <i>Applied Catalysis B: Environmental</i> , 2016 , 183, 86-95	21.8	110
76	Characterization and catalytic properties of CuO/CeO ₂ /MgAl ₂ O ₄ for preferential oxidation of CO in H ₂ -rich streams. <i>Applied Catalysis B: Environmental</i> , 2016 , 188, 292-304	21.8	38
75	Catalytic hydrogen production through WGS or steam reforming of alcohols over Cu, Ni and Co catalysts. <i>Applied Catalysis A: General</i> , 2016 , 518, 2-17	5.1	64
74	Interface Effects in Sunlight-Driven Ag/g-C ₃ N ₄ Composite Catalysts: Study of the Toluene Photodegradation Quantum Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 2617-27	9.5	121
73	Surface CuO, Bi ₂ O ₃ , and CeO ₂ Species Supported in TiO ₂ -Anatase: Study of Interface Effects in Toluene Photodegradation Quantum Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13934-45	9.5	16

72	Heterogeneous photocatalysis: Light-matter interaction and chemical effects in quantum efficiency calculations. <i>Journal of Catalysis</i> , 2015 , 330, 154-166	7.3	52
71	Enhancing promoting effects in g-C ₃ N ₄ -Mn ²⁺ /CeO ₂ -TiO ₂ ternary composites: Photo-handling of charge carriers. <i>Applied Catalysis B: Environmental</i> , 2015 , 176-177, 687-698	21.8	32
70	Visible and ultraviolet antibacterial behavior in PVDF/TiO ₂ nanocomposite films. <i>European Polymer Journal</i> , 2015 , 71, 412-422	5.2	13
69	Superior performance of Ni _{0.5} W _{0.5} mixed-metal oxide catalysts for ethanol steam reforming: Synergistic effects of W- and Ni-dopants. <i>Journal of Catalysis</i> , 2015 , 321, 90-99	7.3	38
68	Efficient and stable Ni _{0.5} W _{0.5} glycerol reforming catalysts: Chemical imaging using X-ray electron and scanning transmission microscopy. <i>Applied Catalysis B: Environmental</i> , 2015 , 165, 139-148	21.8	29
67	Promotion of CeO ₂ /TiO ₂ photoactivity by g-C ₃ N ₄ : Ultraviolet and visible light elimination of toluene. <i>Applied Catalysis B: Environmental</i> , 2015 , 164, 261-270	21.8	54
66	Evolution of H ₂ photoproduction with Cu content on CuO -TiO ₂ composite catalysts prepared by a microemulsion method. <i>Applied Catalysis B: Environmental</i> , 2015 , 163, 214-222	21.8	55
65	Role of the Interface in Base-Metal Ceria-Based Catalysts for Hydrogen Purification and Production Processes. <i>ChemCatChem</i> , 2015 , 7, 3614-3624	5.2	31
64	Cu/TiO ₂ systems for the photocatalytic H ₂ production: Influence of structural and surface support features. <i>Applied Catalysis B: Environmental</i> , 2015 , 179, 468-478	21.8	64
63	Understanding the antimicrobial mechanism of TiO ₂ -based nanocomposite films in a pathogenic bacterium. <i>Scientific Reports</i> , 2014 , 4, 4134	4.9	237
62	Role of Interface Contact in CeO ₂ /TiO ₂ Photocatalytic Composite Materials. <i>ACS Catalysis</i> , 2014 , 4, 63-72	13.1	150
61	Green photo-oxidation of styrene over W/Ti composite catalysts. <i>Journal of Catalysis</i> , 2014 , 309, 428-438	7.3	29
60	Effective Enhancement of TiO ₂ Photocatalysis by Synergistic Interaction of Surface Species: From Promoters to Co-catalysts. <i>ACS Catalysis</i> , 2014 , 4, 4277-4288	13.1	35
59	Effect of g-C ₃ N ₄ loading on TiO ₂ -based photocatalysts: UV and visible degradation of toluene. <i>Catalysis Science and Technology</i> , 2014 , 4, 2006	5.5	75
58	Morphological and structural behavior of TiO ₂ nanoparticles in the presence of WO ₃ : crystallization of the oxide composite system. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 19540-9	3.6	8
57	Water-Gas Shift Reaction on Ni _{0.5} W _{0.5} Catalysts: Catalytic Activity and Structural Characterization. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 2528-2538	3.8	40
56	Acetaldehyde degradation under UV and visible irradiation using CeO ₂ /TiO ₂ composite systems: Evaluation of the photocatalytic efficiencies. <i>Chemical Engineering Journal</i> , 2014 , 255, 297-306	14.7	50
55	Abatement of organics and Escherichia coli using CeO ₂ -TiO ₂ composite oxides: Ultraviolet and visible light performances. <i>Applied Catalysis B: Environmental</i> , 2014 , 154-155, 350-359	21.8	28

54	Composite Bi ₂ O ₃ /TiO ₂ catalysts for toluene photo-degradation: Ultraviolet and visible light performances. <i>Applied Catalysis B: Environmental</i> , 2014 , 156-157, 307-313	21.8	49
53	Photocatalytic Nanooxides: The Case of TiO ₂ and ZnO 2013 , 245-266		2
52	Role of TiO ₂ morphological characteristics in EVOH/TiO ₂ nanocomposite films: self-degradation and self-cleaning properties. <i>RSC Advances</i> , 2013 , 3, 8541	3.7	8
51	Tungsten as an interface agent leading to highly active and stable copper/ceria water gas shift catalyst. <i>Applied Catalysis B: Environmental</i> , 2013 , 132-133, 423-432	21.8	21
50	High-performance Er ³⁺ /TiO ₂ system: Dual up-conversion and electronic role of the lanthanide. <i>Journal of Catalysis</i> , 2013 , 299, 298-306	7.3	90
49	UV and visible light optimization of anatase TiO ₂ antimicrobial properties: Surface deposition of metal and oxide (Cu, Zn, Ag) species. <i>Applied Catalysis B: Environmental</i> , 2013 , 140-141, 680-690	21.8	66
48	Sunlight-driven toluene photo-elimination using CeO ₂ -TiO ₂ composite systems: A kinetic study. <i>Applied Catalysis B: Environmental</i> , 2013 , 140-141, 626-635	21.8	53
47	Influence of the Ce-Zr promoter on Pd behaviour under dynamic CO/NO cycling conditions: a structural and chemical approach. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 8640-7	3.6	11
46	Biodegradable polycaprolactone-titania nanocomposites: preparation, characterization and antimicrobial properties. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 9249-66	6.3	55
45	Observing oxygen storage and release at work during cycling redox conditions: synergies between noble metal and oxide promoter. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2363-7	16.4	29
44	Making Photo-selective TiO ₂ Materials by Cation/Anion Codoping: From Structure and Electronic Properties to Photoactivity. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 18759-18767	3.8	25
43	Titanium Dioxide/Polymer Nanocomposites with Advanced Properties 2012 , 119-149		3
42	Advanced nanoarchitectures for solar photocatalytic applications. <i>Chemical Reviews</i> , 2012 , 112, 1555-6148.1	18.1	1888
41	Observing Oxygen Storage and Release at Work during Cycling Redox Conditions: Synergies between Noble Metal and Oxide Promoter. <i>Angewandte Chemie</i> , 2012 , 124, 2413-2417	3.6	5
40	Surface and Bulk Approach to Time-resolved Characterization of Heterogeneous Catalysts. <i>ChemCatChem</i> , 2012 , 4, 725-737	5.2	13
39	Kinetics of photocatalytic disinfection in TiO ₂ -containing polymer thin films: UV and visible light performances. <i>Applied Catalysis B: Environmental</i> , 2012 , 121-122, 230-238	21.8	30
38	Titanium Dioxide-Based Plastic Technologies 2011 , 351-377		
37	Influence of calcination temperature and atmosphere preparation parameters on CO-PROX activity of catalysts based on CeO ₂ /CuO inverse configurations. <i>Journal of Power Sources</i> , 2011 , 196, 4364-4369	8.9	24

36	Nanoparticulate Pd supported catalysts: size-dependent formation of Pd(I)/Pd(0) and their role in CO elimination. <i>Journal of the American Chemical Society</i> , 2011 , 133, 4484-9	16.4	38
35	Tailoring polymer/TiO ₂ film properties by presence of metal (Ag, Cu, Zn) species: Optimization of antimicrobial properties. <i>Applied Catalysis B: Environmental</i> , 2011 , 104, 346-352	21.8	38
34	Combining time-resolved hard X-ray diffraction and diffuse reflectance infrared spectroscopy to illuminate CO dissociation and transient carbon storage by supported Pd nanoparticles during CO/NO cycling. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4540-1	16.4	82
33	Unusual Physical and Chemical Properties of Ni in Ce _{1-x} Ni _x O _{2-y} Oxides: Structural Characterization and Catalytic Activity for the Water Gas Shift Reaction. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 12689-12697	3.8	135
32	Multitechnique analysis of supported Pd particles upon dynamic, cycling CO/NO conditions: Size-dependence of the structure-activity relationship. <i>Journal of Catalysis</i> , 2010 , 270, 275-284	7.3	26
31	High Activity of Ce _{1-x} Ni _x O _{2-y} for H ₂ Production through Ethanol Steam Reforming: Tuning Catalytic Performance through Metal-Oxide Interactions. <i>Angewandte Chemie</i> , 2010 , 122, 9874-9878	3.6	31
30	High activity of Ce _(1-x) Ni _(x) O _(2-y) for H ₂ production through ethanol steam reforming: tuning catalytic performance through metal-oxide interactions. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9680-4	16.4	88
29	N- and/or W-(co)doped TiO ₂ -anatase catalysts: Effect of the calcination treatment on photoactivity. <i>Applied Catalysis B: Environmental</i> , 2010 , 95, 238-244	21.8	66
28	Gas phase photocatalytic oxidation of toluene using highly active Pt doped TiO ₂ . <i>Journal of Molecular Catalysis A</i> , 2010 , 320, 14-18		28
27	Influence of nanoparticles on elastic and optical properties of a polymeric matrix: Hypersonic studies on ethylene/vinyl alcohol copolymer/titania nanocomposites. <i>European Polymer Journal</i> , 2010 , 46, 397-403	5.2	11
26	Doping level effect on sunlight-driven W,N-co-doped TiO ₂ -anatase photo-catalysts for aromatic hydrocarbon partial oxidation. <i>Applied Catalysis B: Environmental</i> , 2010 , 93, 274-281	21.8	78
25	Cationic (V, Mo, Nb, W) doping of TiO ₂ -anatase: A real alternative for visible light-driven photocatalysts. <i>Catalysis Today</i> , 2009 , 143, 286-292	5.3	172
24	Dynamic operando-observation of 1wt% Pd-based TWCs: Simultaneous XAS/DRIFTS/mass spectrometry analysis of the effects of Ce _{0.5} Zr _{0.5} O ₂ loading on structure, reactivity and performance. <i>Catalysis Today</i> , 2009 , 145, 288-293	5.3	19
23	Influence of sulfur on the structural, surface properties and photocatalytic activity of sulfated TiO ₂ . <i>Applied Catalysis B: Environmental</i> , 2009 , 90, 633-641	21.8	47
22	Boosting TiO ₂ -anatase antimicrobial activity: Polymer-oxide thin films. <i>Applied Catalysis B: Environmental</i> , 2009 , 89, 441-447	21.8	72
21	Biocidal capability optimization in organic-inorganic nanocomposites based on titania. <i>Environmental Science & Technology</i> , 2009 , 43, 1630-4	10.3	21
20	Plasmonic Nanoparticle/Polymer Nanocomposites with Enhanced Photocatalytic Antimicrobial Properties. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 9182-9190	3.8	56
19	W,N-Codoped TiO ₂ -Anatase: A Sunlight-Operated Catalyst for Efficient and Selective Aromatic Hydrocarbons Photo-Oxidation. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8553-8555	3.8	44

18	Nanostructured Ti ^{IV} mixed-metal oxides: Toward a visible light-driven photocatalyst. <i>Journal of Catalysis</i> , 2008 , 254, 272-284	7.3	111
17	Study on UV Excitation Properties of Y ₂ O ₃ :Ln ³⁺ (Ln = Eu ³⁺ or Tb ³⁺) Luminescent Nanomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 1443-1448	1.3	18
16	Self-Sterilized EVOH-TiO ₂ Nanocomposites: Interface Effects on Biocidal Properties. <i>Advanced Functional Materials</i> , 2008 , 18, 1949-1960	15.6	98
15	Acoustic and optical phonons in EVOH/TiO ₂ nanocomposite films: Effect of aggregation. <i>Journal of Luminescence</i> , 2008 , 128, 851-854	3.8	4
14	Ag promotion of TiO ₂ -anatase disinfection capability: Study of Escherichia coli inactivation. <i>Applied Catalysis B: Environmental</i> , 2008 , 84, 87-93	21.8	99
13	High-performance dual-action polymer-TiO ₂ nanocomposite films via melting processing. <i>Nano Letters</i> , 2007 , 7, 2529-34	11.5	114
12	Catalytic properties of niobium and gallium oxide systems supported on MCM-41 type materials. <i>Applied Catalysis A: General</i> , 2007 , 325, 328-335	5.1	18
11	Hydroxylation/oxidation of benzene over Cu-ZSM-5 systems: Optimization of the one-step route to phenol. <i>Journal of Catalysis</i> , 2007 , 250, 184-189	7.3	49
10	Nanosized Ti ^{IV} mixed oxides: Effect of doping level in the photo-catalytic degradation of toluene using sunlight-type excitation. <i>Applied Catalysis B: Environmental</i> , 2007 , 74, 26-33	21.8	56
9	In/Co-ferrierite: A highly active catalyst for the CH ₄ -SCR NO process under presence of steam. <i>Applied Catalysis B: Environmental</i> , 2006 , 69, 43-48	21.8	33
8	Oxidative dehydrogenation of propane on zeolite catalysts. <i>Catalysis Today</i> , 2000 , 61, 343-352	5.3	16
7	Immobilization of dodecatungstophosphoric acid on dealuminated zeolite Y: a physicochemical study. <i>Applied Catalysis A: General</i> , 2000 , 194-195, 137-146	5.1	37
6	Heterogenization of 12-tungstophosphoric acid on stabilized zeolite Y. <i>Topics in Catalysis</i> , 2000 , 11/12, 391-400	2.3	21
5	The synergetic effect of cobalt and indium in ferrierite catalysts for selective catalytic reduction of nitric oxide with methane. <i>Chemical Communications</i> , 1998 , 2755-2756	5.8	15
4	Heterogeneity of OH groups in NaH-mordenites: Effect of Na/H exchange degree. <i>Zeolites</i> , 1997 , 18, 245-249		43
3	Heterogeneity of OH groups in H-mordenites: Effect of dehydroxylation. <i>Zeolites</i> , 1996 , 17, 428-433		58
2	Acid properties of NaH-mordenites: Infrared spectroscopic studies of ammonia sorption. <i>Zeolites</i> , 1995 , 15, 501-506		66
1	Oxide-based composites: applications in thermo-photocatalysis. <i>Catalysis Science and Technology</i> , 2005 , 15, 103-108	5.5	1

